

MARYPORT URBAN DISTRICT.

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**ANNUAL REPORT**

FOR

**1913**

OF THE

**Medical Officer of Health,**

**FRED. PROUD, Esq., M.D., M.R.C.S.**

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## URBAN DISTRICT OF MARYPORT.

### Annual Report of the Medical Officer of Health For the Year 1913.

TO THE CHAIRMAN AND MEMBERS OF THE MARYPORT URBAN DISTRICT  
COUNCIL.

Gentlemen,

For your information, and following the requirements of the Local Government Board, I beg to report on the Vital Statistics of your District for the year 1913. Also embodied in the Report will be found an account of the administration of the Factory and Workshops Act, a Summary of work done by the Inspector of Nuisances under the Public Health Act, and details of work in connection with the administration of the Housing and Town Planning Act, 1909.

The area of the District (exclusive of the area covered by water) is 1515 acres. The town stands on the end of a hill composed of boulder clay and drift sand on a substratum of new red sandstone, the situation of the greater part of the town allowing a good fall for free drainage. The river Ellen, running through the middle of the District to the sea, is subject to a good deal of industrial pollution previous to entering the District, and to this has recently been added Tar-water from some new By-Product Ovens, which has killed all fish below its entrance to the river; it is, perhaps, as well to forget such drawbacks to new industries in the present state of trade in West Cumberland.

The climate may be considered mild. During the past year rain fell in appreciable quantity on 191 days, compared with 209 days last year, and 172 in 1911. The summer months were much dryer than in the previous year, and harvest operations locally, more speedy and successful. The total rainfall was 29·12 inches, which is considerably less than that of 1912, which was 36·64 inches. I am indebted to Mr. P. B. Melmore of North How for the accompanying chart:—

#### RAINFALL AT MARYPORT IN 1913.

Month.		Inches.		Number of days with '01 in. or more.
January	...	1·72	...	19
February	...	2·00	...	13
March	...	4·07	...	22
April	...	3·69	...	18
May	...	2·33	...	18
June	...	2·03	...	18
July	...	·57	...	9
August	...	2·40	...	10
September	...	2·52	...	9
October	...	2·43	...	13
November	...	3·16	...	26
December	...	2·20	...	16
Total		<u>29·12</u>		<u>209</u>



The chief occupation of the industrial population is in connection with Coal-mining, and to a less extent with Ironworks and Shipping. Employment during the year has been plentiful, and there has been no distress from want of employment, but at the close of the year the general condition of trade has caused the stoppage of the local Ironworks and of some Collieries, so that the outlook for the coming year is not so bright. Emigration from the district has not been so marked as it was in the previous year, and there has been some return of disappointed emigrants.

**Population :** The Census of 1911 puts the population at 11,423. The closure of a certain number of insanitary dwellings is about equal to the number of new houses coming into occupation, so that the above figures are still substantially correct. The population is distributed in the Wards as follows :—

North Ward	...	...	...	...	3,694
South „	...	...	...	...	4,121
East „	...	...	...	...	3,608
Total Population	...	...	...	...	11,423

**Birth Rate :** There were 341 Births registered in the district during 1913, compared with 287 in 1912. They were distributed in the Wards as follows :—

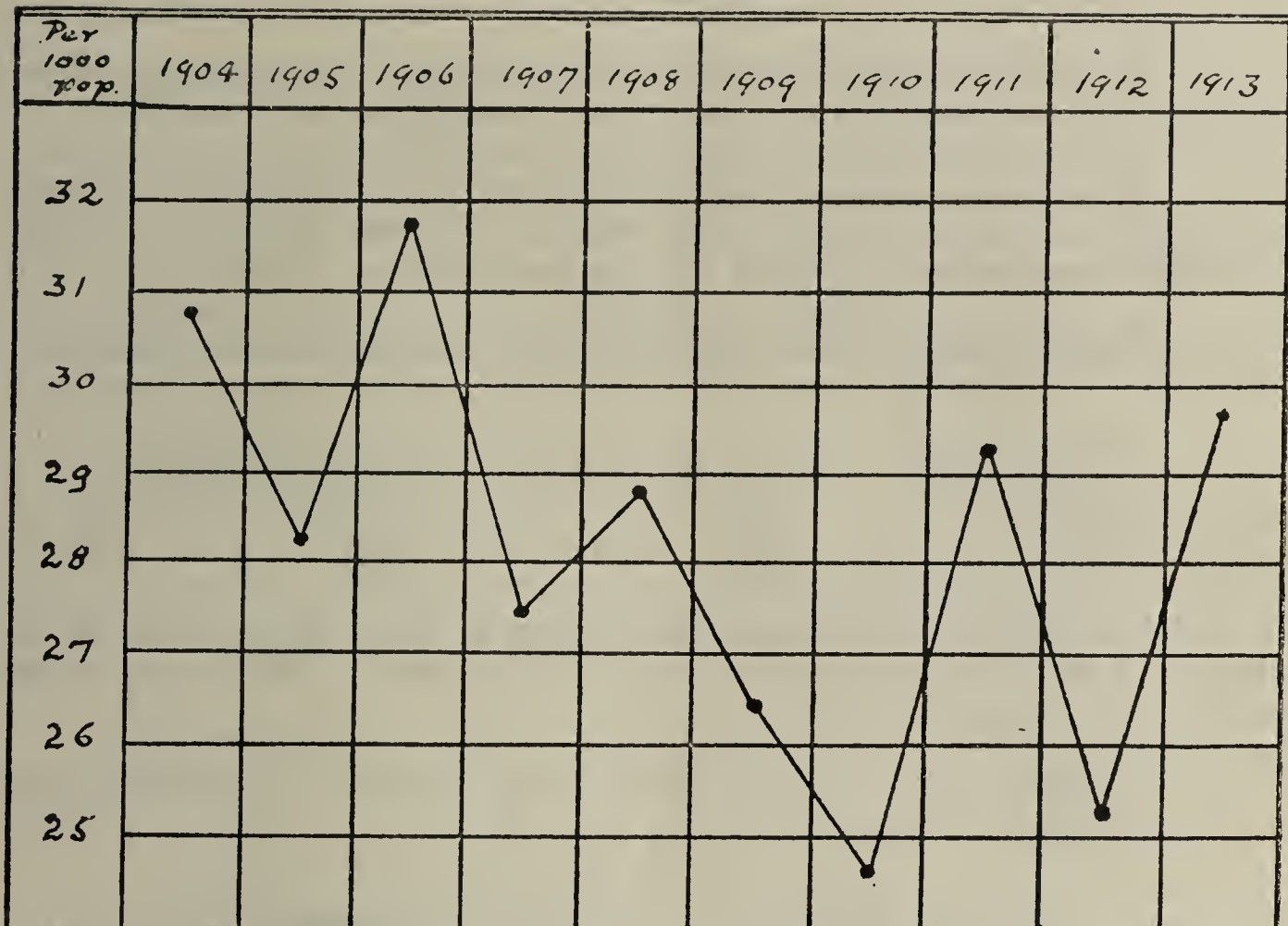
North Ward,	117,	giving a rate of 31·67 per 1,000	
South „	101,	„ „	24·50 „
East „	123,	„ „	34·09 „
Whole Area,	341,	„ „	29·85 „

Of these, 174 were Boys, and 167 girls. There were 11 illegitimates born in the district, and two illegitimates born outside the district have been apportioned to us by the Statistical Department, the parent being temporarily domiciled elsewhere during the confinement.

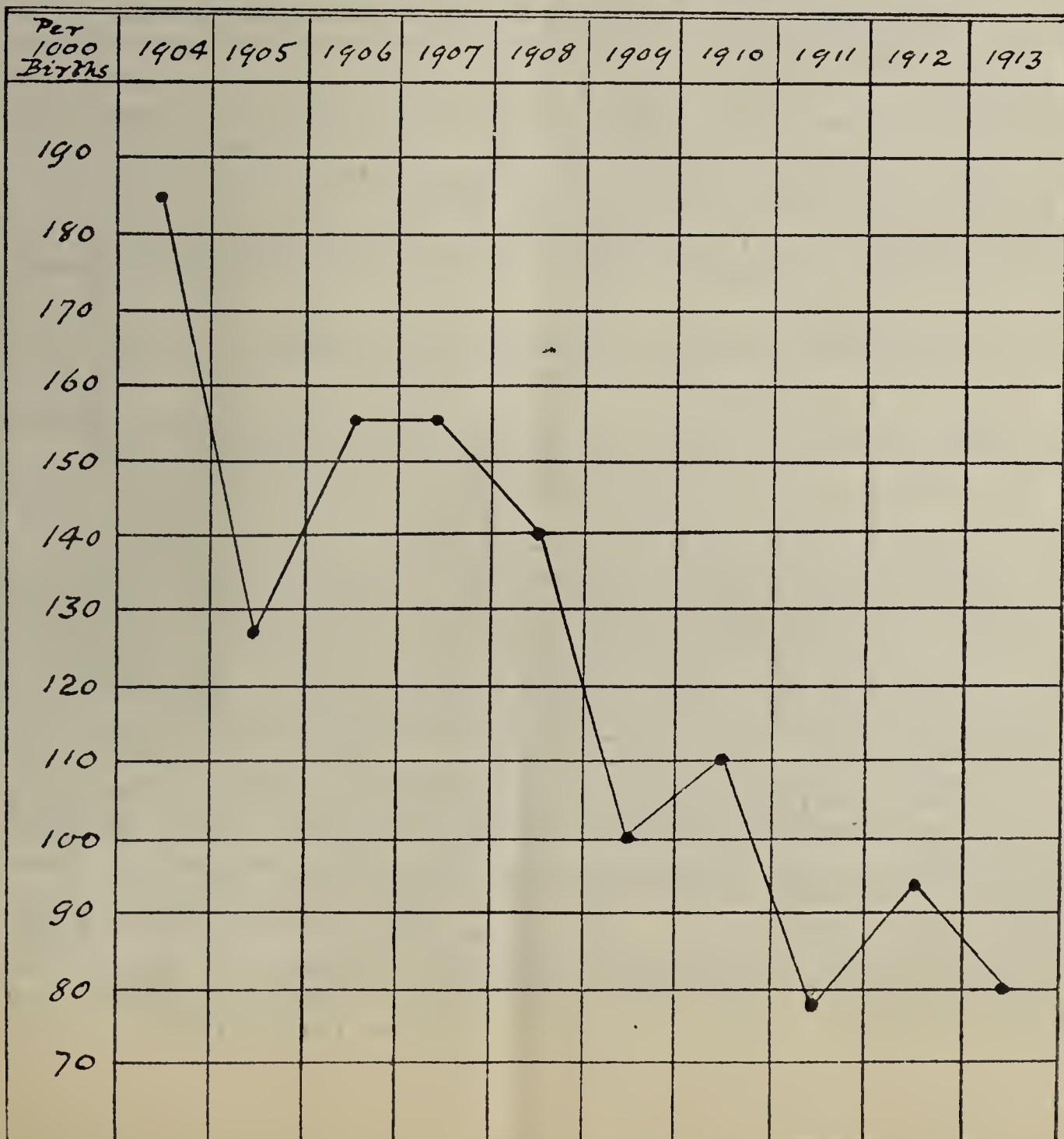
It will be noticed that the number of males born exceed the females both this year and last. The idea that there are more female children than males is a fallacy, and the preponderance of females in the population is only arrived at by excessive waste of male lives from infancy upwards, this waste commencing very early, as there are more deaths among male infants than among females—the male having a more slender hold on life than the female ; and in later life the difference is made more pronounced by the toll levied by hazardous industries and by the preponderance of male emigration.

Our illegitimate birth-rate this year is down to 32 per 1,000 births ; two years ago it was 62. I have below set out the fluctuations of the local birth-rate for the last ten years in tabular form, also a table of infant mortality for the same period.

Birth Rate.      Maryport Urban.



Infant Mortality.      Maryport Urban.





The average birth-rate for the last ten years is 28·31, that for the County last year was 23·9, and for England and Wales last year 23·8.

Whereas the County birth-rate has steadily declined during the past ten years from 28·6 to 23·9, the local rate will be seen to fluctuate widely, probably in response to ebbs and flows in the condition of trade.

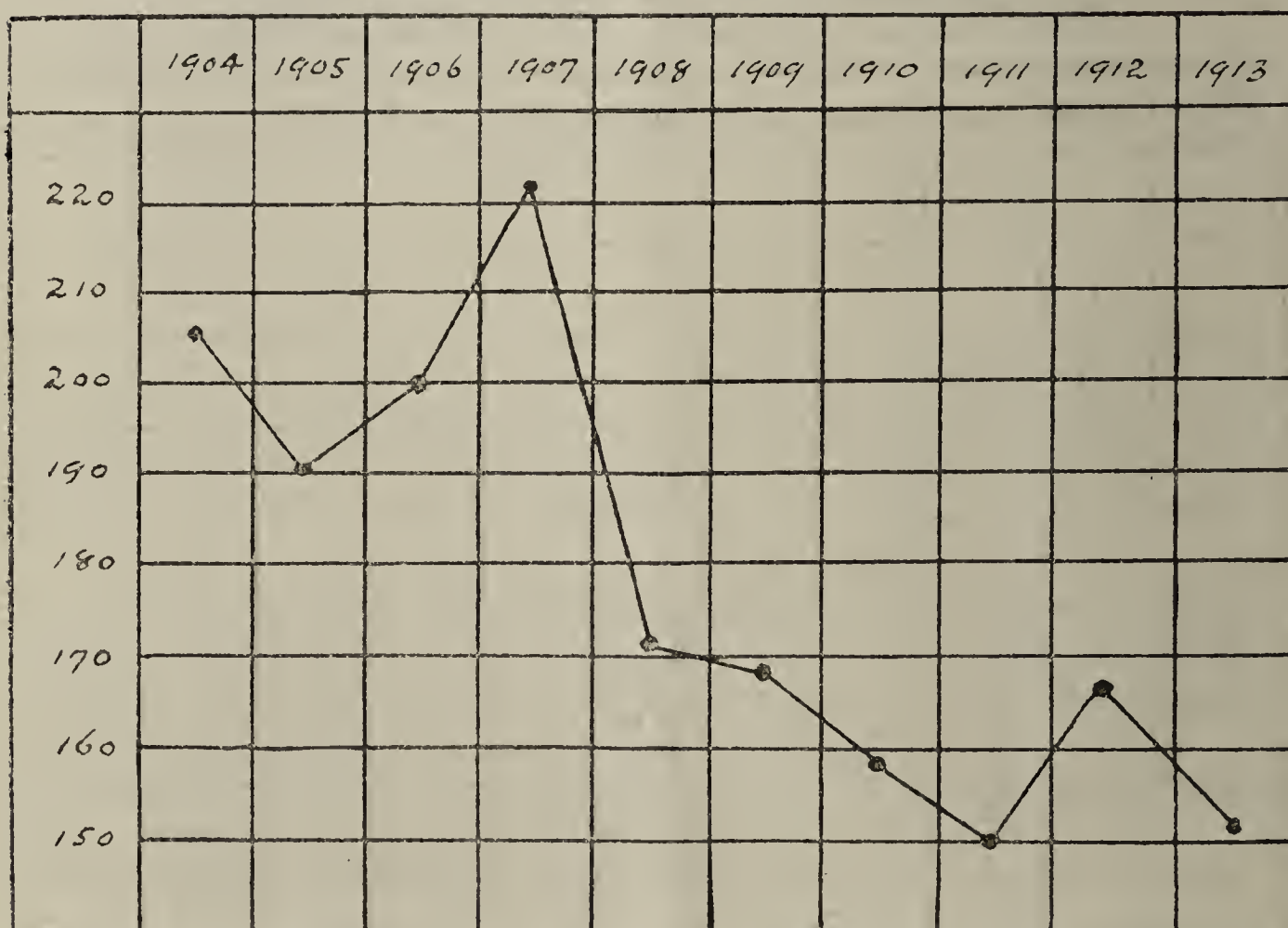
**Death Rate :** There were 154 deaths registered in the District, a decrease of 13 from last year. The Ward incidence and rate are as follows :

North Ward	52,	giving a rate of	14·06	per 1,000
South „	60,	„ „	14·55	„
East „	42,	„ „	11·63	„
Whole District	154,	„ „	13·48	„

The Death rate for England and Wales in 1912 was 13·3, which the Report of the Local Government Board says is a record ; the County death rate for the same period was 14·1.

The local death rate fluctuations for the past ten years will be seen in the following table :—

Total Deaths.      Uncorrected.



There were 7 deaths in the Cottage Hospital, of which only one was a non resident whose usual residence could be ascertained, and of two other non residents, one was a foreign seaman and the other a van-dweller. There were 10 of our usual residents who died outside the district, and whose deaths were assigned to us. The actual places of death were :—Union Workhouse, Carlisle Infirmary, Workington Infirmary, and the Catholic Home at Carlisle. After referring these to their respective localities the corrected death rate stands at 161, with a ratio per 1,000 of 14·09.

In Table III is given the causes and ages at death, and again we have only 3 deaths from notifiable infectious diseases. The phthisis total is again low, and other forms of Tuberculosis are not represented this year. Cancer is down a little from last year, whilst Heart Disease accounts for a high average. Bronchitis is also higher than usual, probably several of the younger victims of this were assisted by Whooping-cough, which has been very prevalent. Into the class of diseases ill-defined or unknown I have grouped those which were certified as having died from more than two well-recognized causes of death.

**Infant Mortality :** There were 28 cases of death under one year of age, with a mortality of 80 per 1,000 births. The local chart shows that the death-rate of infants has steadily diminished during the last ten years from 185 to 80. The rate last year for England and Wales was 95. Of the 28 deaths, 14, or just half is given as due to congenital debility or premature birth, these probably could not have survived under any possible conditions.

The accompanying table shows our rate per 1,000 births compared with England and Wales, and the County :—

	Average for 10 years.	Last year.	Present year.
England and Wales,	121	95	—
Cumberland	122	110	—
Maryport Urban	122·7	94	80

**Notification of Infectious Disease :** There were only 19 cases of Infectious Disease notified during the year ; there being 13 cases of Diphtheria, not at any time in epidemic form, nor confined to any area ; there were two deaths among these cases. There were only 3 cases of Scarlet Fever, without any mortality. One case of Enteric was imported into East Ward from the County of Durham ; there was no further infection from this. Of infectious diseases not notifiable, Measles has been absent during the year, and Whooping-cough towards the close of the year is very prevalent in the East and South Wards

**Water Supply :** The usual Water inspection took place on July 16th.

On November 8th accompanied Dr. Farrar of Local Government Board to inspect Goat Brow and Goat Mill Race.

The County Medical Officer, in his Report for the year 1912, p. 65, says : " All the Urban Districts of the County seem to have abundant and satisfactory Water supplies, with the exception of Egremont and Maryport." and again on p. 66 : " Maryport Water supply is pumped from a mill race, taken from the River Derwent. Reports have been presented to the Maryport District Council by their Medical Officer and by myself to your committee on the pollution of the River Derwent, and in my opinion, water polluted and subject to pollution such as this river water is shown to be, cannot be considered either a satisfactory or a safe supply."

Nothing has been done during the past year in the way of improving the riparian sources of pollution.

**Port Sanitation :** No cases of infectious disease entered the Port during the past year.



**Tuberculosis :** Twenty-six cases of Tuberculosis were reported, of which 19 were cases of pulmonary Tuberculosis, and 7 of bones and glands. Fifteen were reported by private practitioners, 10 by the School Medical Inspectors, and one by the Parish Medical Officer. There is no sign of the promised Tuberculosis Dispensary ; and the Sanatorium accommodation of the County remains as it was before the Insurance Act came into force. One of these 26 cases has gone to Blencathra.

**Notification of Births Act** is not in force in the district.

**Midwives Act** is now administered by the County Council. We have no registered midwives in the District. There was one prosecution of an unregistered midwife during the year.

**Ophthalmia Neonatorum** has been added to the list of notifiable diseases.

I have the honour to be, gentlemen,

Your obedient servant,

FRED. PROUD, M.D., M.R.C.S.,

Medical Officer of Health.



TABLE I.  
Vital Statistics of Whole District during 1913 and previous years.  
*Maryport Urban District.*

Year.	Population estimated to middle of each year.	Births.			Total Deaths registered in the District.		Transferable Deaths			Nett Deaths belonging to the District.			
		Un-corrected Number.	Nett.		Number	Rate	of Non-residents registered in the District.	of Residents registered in the District.	Under 1 year of Age.		At all Ages.		
			Number	Rate					Number	Rate per 1,000 Net Births	Number	Rate	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1908	12,600	364		28·88	172	13·65	1	11	51	140·1	183	14·52	
1909	12,600	335		26·74	169	13·41	4	8	33	99·6	173	13·88	
1910	12,600	309		24·52	157	12·67	3	10	34	110·0	164	13·22	
1911	11,423	335	336	29·32	150	13·13	0	14	26	77·3	164	14·35	
1912	11,423	287	287	25·12	167	14·61	4	14	27	94 0	177	15·49	
1913	11,423	341	343	30·02	154	13·48	3	10	28	80·4	161	14·09	

Area of District in acres (exclusive of area covered by water)	{	Total population at all ages	11,423
		Number of inhabited houses	2,480
		Average number of persons per house	4·58

TABLE II.

Cases of Infectious Disease notified during the year 1913.

*Maryport Urban District.*

Notifiable Disease.	Number of Cases notified.								Total Cases notified in each Ward.			Total cases removed to Hospital
	At all ages	At Ages—Years.							North Ward.	South Ward.	East Ward.	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards.				
Small-pox .....	—	—	—	—	—	—	—	—	—	—	—	—
Cholera (C) Plague (P)	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria .....	13	—	6	3	3	1	—	—	1	7	5	—
(including Membranous Croup)	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas .....	2	—	—	—	—	1	—	1	—	2	—	—
Scarlet fever .....	3	—	1	2	—	—	—	—	—	2	1	—
Typhus fever.. .....	—	—	—	—	—	—	—	—	—	—	—	—
Enteric fever.....	1	—	—	—	1	—	—	—	—	—	1	—
Relapsing fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Continued fever .....	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal fever.....	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-spinal meningitis...	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis .....	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis .....	—	—	—	—	—	—	—	—	—	—	—	—
Totals ... ..	19	—	7	5	4	2	—	1	1	11	7	—

Isolation Hospital in East Ward, Maryport Urban District.

Total available Beds : 14.

Joint Smallpox Hospital, Seaton, in Cockermouth Rural District.



TABLE III.

Causes of, and Ages at Death during the Year 1913.

*Maryport Urban District.*

CAUSES OF DEATH.	Nett deaths at the subjoined ages of "Residents" whether occurring within or without the district.									Total Deaths whether of 'Residents' or 'Non- Residents' in Institut- ions in the District.
	All ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
1		3	4	5	6	7	8	9	10	11
All Causes { Certified ... ..	159	26	9	3	10	4	18	41	48	7
{ Uncertified ... ..	2	—	—	—	—	—	—	—	—	—
Enteric Fever ... ..	—	—	—	—	—	—	—	—	—	—
Small-Pox ... ..	—	—	—	—	—	—	—	—	—	—
Measles ... ..	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ... ..	—	—	—	—	—	—	—	—	—	—
Whooping Cough ... ..	1	—	—	—	1	—	—	—	—	—
Diphtheria and Croup ... ..	2	—	1	1	—	—	—	—	—	—
Influenza ... ..	—	—	—	—	—	—	—	—	—	—
Erysipelas ... ..	—	—	—	—	—	—	—	—	—	—
Phthisis (Pulmonary tuberculosis) ... ..	6	—	—	—	—	1	4	1	—	—
Tuberculous Meningitis ... ..	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases ... ..	—	—	—	—	—	—	—	—	—	—
Cancer, malignant disease ... ..	11	—	—	—	—	—	—	8	3	—
Rheumatic Fever ... ..	—	—	—	—	—	—	—	—	—	—
Meningitis ... ..	—	—	—	—	—	—	—	—	—	—
Organic Heart Disease ... ..	24	—	—	—	3	—	1	10	10	—
Bronchitis ... ..	19	5	4	1	1	—	1	1	6	—
Pneumonia (all forms) ... ..	16	1	—	—	—	1	6	5	3	—
Other diseases of Respiratory organs ... ..	—	—	—	—	—	—	—	—	—	—
Diarrhœa and Enteritis ... ..	5	3	2	—	—	—	—	—	—	—
Appendicitis and Typhlitis ... ..	—	—	—	—	—	—	—	—	—	—
Cirrhosis of Liver ... ..	—	—	—	—	—	—	—	—	—	—
Alcoholism ... ..	4	—	—	—	—	—	2	2	—	—
Nephritis and Bright's Disease ... ..	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ... ..	—	—	—	—	—	—	—	—	—	—
Other accidents and diseases of Pregnancy and Parturition ... ..	1	—	—	—	—	—	1	—	—	—
Congenital Debility and Mal- formation, including Pre- mature Birth ... ..	14	14	—	—	—	—	—	—	—	—
Violent Deaths, excluding Suicide ... ..	10	1	—	—	3	1	1	3	1	—
Suicide ... ..	2	—	—	—	—	—	1	1	—	—
Other Defined Diseases ... ..	32	2	1	1	—	—	1	6	21	—
Diseases ill-defined or unknown ... ..	14	2	1	—	2	1	—	4	4	—
	161	28	9	3	10	4	18	41	48	7

SUB-ENTRY : 1 Death from Poliomyelitis, between 2 and 5 years.

TABLE IV.

## Infant Mortality.

1913.    Nett Deaths from stated Causes at various Ages under One Year of Age.

*Maryport Urban District.*

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
All Causes.	{	Certified ... ..	8	1	...	3	14	7	4	...	3	26	
		Uncertified ... ..	2	...	...	...	...	...	...	...	...	2	
Small-pox ... ..				...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..				...	...	...	...	...	...	...	...	...	...
Measles ... ..				...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..				...	...	...	...	...	...	...	...	...	...
Whooping Cough... ..				...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ... ..				...	...	...	...	...	...	...	...	...	...
Erysipelas... ..				...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..				...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ... ..				...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ... ..				...	...	...	...	...	...	...	...	...	...
Meningitis ( <i>not Tuberculous</i> ) ... ..				...	...	...	...	...	...	...	...	...	...
Convulsions ... ..				...	...	...	...	...	1	...	1	2	
Laryngitis ... ..				...	...	...	...	...	...	...	...	...	...
Bronchitis... ..				...	1	...	...	1	1	...	2	4	
Pneumonia (all forms) ... ..				...	...	...	...	...	1	1	...	2	
Diarrhœa ... ..				...	...	...	...	...	...	1	...	1	
Enteritis .. ..				...	...	...	...	...	...	1	...	1	
Gastritis ... ..				...	...	...	...	...	1	...	...	1	
Syphilis ... ..				...	...	...	1	1	1	...	...	2	
Rickets ... ..				...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ... ..				...	...	...	...	...	...	...	...	...	...
Injury at Birth ... ..				...	...	...	...	...	...	...	...	...	...
Atelectasis ... ..				...	...	...	...	...	...	...	...	...	...
Congenital Malformations ... ..				2	...	...	...	2	...	...	...	...	2
Premature Birth .. ..				4	...	...	...	4	...	...	...	...	4
Atrophy, Debility and Marasmus ... ..				2	...	...	2	4	3	...	...	...	7
Other Causes ... ..				2	...	...	...	2	...	...	...	...	2
				10	1	...	3	14	7	4	..	3	28

Nett Births in the year  $\left\{ \begin{array}{l} \text{legitimate 332.} \\ \text{illegitimate 11.} \end{array} \right.$

Nett Deaths in the year  $\left\{ \begin{array}{l} \text{legitimate infants 25.} \\ \text{illegitimate infants 3.} \end{array} \right.$



Factories, Workshops, Workplaces and Homework.  
Maryport Urban District.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.  
Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections	Written Notices.	Prosecutions.
Factories (including Factory Laundries)			
Workshops ... .. (including Workshop Laundries)	91	5	—
Workplaces ... .. (other than outworkers' premises)	18	—	—
Total ...	109	5	—

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H. M. Inspector	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness ... ..	3	3	—	—
Overcrowding ... ..	—	—	—	—
Other nuisances .. ..	2	2	—	—
Sanitary accommodation, unsuitable or defective ... ..	—	—	—	—
Total	5	5	—	—

3.—HOME WORK.

OUTWORKERS' LISTS :  
Lists received from Employers twice in the year :—  
Making Wearing Apparel.—lists 6 ;  
OUTWORKERS : Contractors — ; Workmen, 22.  
Notices served on Occupiers as to keeping or sending lists, 4.

4.—REGISTERED WORKSHOPS.

Workshops 68 ; Bakehouses 14 ; Workplaces, 9 ;  
Total number of Workshops on Register, 91.

5.—OTHER MATTERS.

Failure to affix Abstract of the Factory and Workshops Act (s. 133, 1901).  
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) { Notified by H.M. Inspector ..... 3.  
Reports (of Action taken) sent to H.M. Inspector..... 3.

# Annual Report of the Inspector of Nuisances

For the Year ending 31st December, 1913.

TO THE CHAIRMAN AND MEMBERS OF THE SANITARY COMMITTEE.

Gentlemen,

I have pleasure in submitting for your consideration my Twelfth Annual Report of work done and action taken in connection with the Sanitary Department during the past year.

The Report contains information classified as under :—

- (a) Summaries.
- (b) Nuisances observed, action taken, and work done.
- (c) Detailed statement of complaints received.
- (d) Report on Workshops, Workplaces and Outworkers' premises.
- (e) Report on the Housing, Town Planning, &c. Act, 1909.
- (f) Brief General Remarks.

## ABATEMENT OF NUISANCES.

No. of complaints received and investigated ...	...	44
„ Visits and inspections, exclusive of those under the Housing Acts ...	...	3085
„ Preliminary Notices issued ...	...	243
„ Statutory „ „ ...	...	10

## INFECTIOUS DISEASES.

No. of Infectious Diseases reported ...	...	19
„ Rooms fumigated ...	...	35

## COWSHEDS, DAIRIES AND MILKSHOPS.

No. of Notices served on occupier to limewash cowshed ...	1
„ „ „ „ cleanse yard gullies	2
„ „ „ „ cleanse passage-ways	4
Total	7

## PUBLIC SLAUGHTER HOUSE.

No. of Cattle slaughtered ...	...	..	...	1023
„ Sheep „ ...	...	...	...	3637
„ Pigs „ ...	...	...	...	1070
„ Calves „ ...	...	...	...	44
			Total	<hr/> 5774

Diseased Beef and unsound organs destroyed ... 4816 lbs.

## Summary of Visits made.

To yards and premises ...	2,131	„ tents, vans, sheds, and similar structures... ..	28
„ test drains ...	29	„ offensive trade premises ...	24
„ examine drains ...	46	„ fried fish and chipped potato shops ...	67
„ drains when relaid ...	39	„ marine stores ...	21
In respect of infectious diseases	28	„ cowsheds, dairies, & milkshops	43
Re Public Health Tuberculosis		„ unclean dwelling houses ...	103
Regulations, 1912 ...	21	„ stables and mews ...	47
To public slaughter house ...	121	Total	3,085
„ workshops and workplaces... ..	109		
„ outworkers' premises ..	18		
„ common lodging houses ...	210		



*Statement showing Nuisances and Insanitary Conditions observed during the year.*

Defective water closets ... ..	147	Foul condition of water closet basins	21
„ floors in living rooms	17	„ „ „ seats	40
„ floors in sculleries ...	3	„ „ „ floors	15
„ water supply to houses	48	„ „ yard gullies ...	69
„ spouts on dwelling houses	20	Unclean condition of dwelling houses	22
„ sink waste pipes ...	4	„ „ fried fish shops	2
„ yard surfaces... ..	13	„ „ yard surfaces	28
„ wash-house floors ...	7	„ „ pavement in passages	7
„ yard gullies ... ..	14		
		Total	204
Total	273		

Choked water closets ... ..	71
„ yard drains .. ..	50
„ yard gullies... ..	55
„ sink waste pipes ... ..	1

Total 177

*Statement showing Work done and Nuisances removed.*

DRAINAGE.	
New side outlet yard gullies fixed	14
Drains laid with 6in. pipes, 129ft.	
„ „ 4in. pipes, 121ft.	
„ relaid with 6in. pipes, 30ft.	
„ „ 4in. pipes, 19ft.	
Choked drains unstopped ... ..	50
Drains tested ... ..	15
„ found defective .. ..	7

WATER CLOSETS.	
Unstopped ... ..	71
New basins fixed ... ..	17
„ traps fixed .. ..	5
„ cones provided ... ..	6
„ flushing cisterns provided	6
Flushing cisterns repaired ... ..	69
New doors provided ... ..	2
„ seats provided .. ..	11
Floors laid in cement ... ..	6
Basins refixed ... ..	25
Foul basins cleansed ... ..	21
Dirty seats cleansed ... ..	40
Dirty floors cleansed ... ..	15
Earth closet (new) erected ... ..	1
Total	295

SURFACES.	
Yard surfaces repaved ... ..	13
Wash-house floors repaired ... ..	6
Wash-house floors paved in cement concrete	1
Living room floors new or repaired	17
Scullery floors repaired ... ..	3
Total	40

MISCELLANEOUS.	
Overcrowding abated ... ..	4
Pedestal water closet basins provided	2
New supply of water to dwellings	48
Passages and yards limewashed ...	73
Spouts cleaned or repaired ... ..	13
Spouts (new) provided, 236 feet	
Bearers for flushing cisterns provided	13
Unwholesome dwelling houses cleansed	22
Slop sinks unstopped, trapped, or new provided	5
Furnaces for washing boilers repaired	3
Dwelling house chimney rebuilt ...	1
Ventilating shafts heightened ..	1
Yards and passages cleansed ... ..	35
Manure pits at stables cleansed ...	18
Accumulations of rubbish in yards removed	13
Minor nuisances not classified ..	27

Total 278

*Statement showing the nature of Complaints received and investigated.*

Drains being choked ... ..	6
Yard being flooded from beck ...	1
Water lodging in back street ...	1
Foul smell from sink waste pipe ...	1
„ „ „ back street .. ..	1
„ „ „ fat boiler's premises	1
„ „ „ tripe „ „	1
„ „ „ street manhole ...	1
„ „ „ adjoining houses ...	2
Defective water closets ... ..	10
Neighbour's cat with mange ... ..	1
Overcrowding in dwelling houses	2
Insufficient water supply ... ..	1

Defective wash-house ... ..	1
Emptying fish refuse on waste ground	1
Flies from manure pits ... ..	2
Water in cellar and foul smells ...	3
Smoke from wash-house chimneys	2
Keeping dog in living room ... ..	1
Placing receptacles for ashes in wrong place ... ..	1
Emptying dirty water in street channel	1
Fusty smells in houses ... ..	2
Defective slop sink in scullery ...	1

Total 44

*Statement relating to Workshops, Workplaces, and Outworkers' Premises.*

WORKSHOPS.				NATURE OF DEFECTS FOUND.		
Nature of Business.	No. of Workshops.			Defect.	No. found.	No. remedied.
Dressmakers ... ..	..	...	17	No abstract affixed	1	1
Cloggers and boot repairers ...	...	...	10	Want of cleanliness	3	3
Millinery ... ..	...	..	9	Unclean waterclosets	2	2
Tailors ... ..	..	...	9		6	6
Stocking knitting ... ..	...	...	3			
Cycle repairers ... ..	...	..	3			
Joiners ... ..	...	...	3			
Upholsterers ... ..	...	...	3			
Bread and confectionery baking		...	14			
Painters ... ..	...	...	2			
Plumbers ... ..	...	...	3			
Blacksmiths ... ..	...	...	5			
Shrimp picking ... ..	...	...	1			
Total number on register			82			
Number of visits paid to workshops			91			

WORKPLACES.		
Number of workplaces on register		9
„ „ visits paid	...	18

OUTWORKERS.		
Number of—		
Employers giving out home work		3
Outworkers' premises	...	11
Inspections made to outworkers' premises	...	18
Lists of outworkers received from other Authorities	...	0
List of outworkers forwarded to other Authorities	..	1

**Housing, Town Planning, &c., Act, 1909**  
**Housing (Inspection of District) Regulations, 1910.**  
**REPORT FOR THE YEAR ENDING 31ST DEC., 1913.**

House to house inspections made in 1913, and records kept	...	...	379
„ „ „ previously „	...	...	1,003
Total			1,382

*Statement showing the different types of houses inspected.*

Number of back-to-back houses and houses having no through circulation of air	...	...	74
Number of houses having through circulation of air	...	...	305
Total			379

Number of dwelling houses with 1 room used as living room and sleeping room		0
„ „ 1 living room and 1 sleeping room	...	29
„ „ 1 living room and 2 sleeping rooms	...	93
„ „ 1 living room and 3 sleeping rooms	...	16
„ „ 2 living rooms and 2 sleeping rooms	...	11
„ „ 2 living rooms and 3 sleeping rooms	...	136
„ „ 2 living rooms and more than 3 sleeping rooms	...	94
Total		379

*Statement showing the number of tenements whose occupants use one W.C.*

Number of dwelling houses where the occupants have sole use of one W.C.		231
„ „ where the occupants of 2 houses use „ „		95
„ „ „ 3 „ „		19
„ „ „ 4 „ „		29
„ „ „ 5 „ „		5
Total		379

Number of dwelling houses closed voluntarily on representation being made to the owners that same were unfit for human habitation	...	6
Number of dwelling houses made fit for habitation	...	6
Number of representations made to Local Authority under Sec. 17 that certain dwelling houses appeared in such a state as to be unfit for human habitation	..	18
Closing orders issued	...	0
Reports presented to the Local Authority under Section 15	..	26



Dwelling houses the defects of which were remedied (exclusive of the above) ... ..	77	Sculleries, new, erected ... ..	2
NO. OF DEFECTS & HOW REMEDIED.		New roofs on dwelling houses ...	3
New sash windows put in dwelling houses ... ..	60	Dangerous chimney rebuilt ...	1
Closed windows made to open ...	17	Water supply to houses, new, provided ... ..	4
Outside walls cemented ... ..	9	Sleeping room walls re-plastered .	10
Water closets rebuilt ... ..	17	Sleeping room ceilings re-plastered	1
„ „ additional erected	6	Yard surface paved in cobble stone	1
„ „ floors and areas laid in concrete ...	17	„ „ „ cement concrete	1
Living room floors relaid ...	14	Interceptor fixed in yard drain	1
New doors provided for houses ...	2	Inspection chamber built in yard drain	1
Wash-houses, new, erected ...	4	Fresh air inlets erected for yard drain	1
Wash-house floors paved in cement concrete ... ..	2	New treads and risers on stairs ..	6
		Yard gullies, new, provided ...	2
		New spouting provided on houses, 294 feet.	—
		Total	182

## BRIEF GENERAL REMARKS.

### Health Department.

For the abatement of nuisances, 243 preliminary notices have been served on the owner or occupier, and 10 statutory notices. It has not been necessary to take legal proceedings.

In order to secure the cleanliness of yards and outoffices, and the removal of nuisances, I estimate the visits paid to be about 3000.

Stable premises have again called for frequent inspection, especially during summer.

### Cowsheds, Dairies and Milkshops.

Forty-three inspections have been made during the year. I also made an inspection, and presented a detailed report to the Sanitary Committee, giving the air space, method of lighting and ventilation, and the type of pavement in each cowshed, with my recommendations thereon. Your Committee have given instructions for the owners or occupiers to be notified to have the several recommendations carried out, which will, no doubt, in due course tend to a purer milk supply and healthier cattle.

There are seven registered cowkeepers in the Urban District, and eleven purveyors of milk.

Most of the milk retailed in the town comes from outside the district, over whose cowsheds we have no control.

### Workshops, Workplaces and Outworkers' Premises.

There are 82 registered Workshops, and 9 Workplaces; 109 visits were made to them.

Five insanitary conditions were found. After representations were made to the occupiers of the premises in default, the defects were at once remedied and no further action was taken.

H. M. Inspector of Factories reported three breaches of the Act, which were attended to.

Pursuant to Section 107 of the Factory and Workshops Act, 1901, three lists containing names of 22 outworkers have been received. Four notices were served on the employers, reminding them to forward lists at the proper time. The name and address of one outworker was sent to another authority.

### **Common Lodging Houses.**

Five persons are registered as keepers. Rooms are registered for receiving 105 lodgers per night. 210 visits have been made, arising out of which several non compliances with the Bye-laws were found, viz : (1) Rooms not limewashed at proper times, 7. (2) Beds not made nor rooms aired at 3 p m , 2. (3) Floors required washing, 4. (4) Yard dirty, 1,

No action against the infringement of the Bye-laws was taken.

### **Public Slaughter House and Meat Inspection.**

5774 animals were slaughtered. 1023 were cattle. 18, or nearly two per cent. of the cattle were affected with tuberculosis. 4816 lbs. of diseased beef and organs was condemned as unfit for human food, and destroyed at the Gas Works.

All cattle, however slightly affected, are left for inspection. 121 visits were made.

### **Infectious Diseases.**

During the year, 19 cases of infectious diseases have been notified. All the cases have been visited, and the drains carefully tested. If any defect was found the same was at once put right.

In making enquiries into the sanitary condition of the premises 28 visits were made.

As in former years when cases of infectious diseases amongst children attending school are notified, notices of the disease are sent to the head teacher of the school, and to the school attendance officer.

### **Refuse Removal and Sewage Disposal.**

House refuse is collected daily in covered carts throughout the town, and is carted on the shore and deposited below high-water mark, to be washed away by the incoming tide.

The sewage from the whole of the town is conveyed in pipes to the shore, and disposed of at near low-water mark.

The water carriage system is throughout, with the exception of a few scattered houses in the semi-rural portion of the district.

### **Housing, Town Planning, &c., Act, 1909.**

#### **Housing (Inspection of District) Regulations, 1910.**

379 house-to-house inspections have been made. Notices were served on the owners to remedy defects under the Public Health Act, 1875, and Section 15 of the Housing Town Planning Act, 1909. 18 Representations were made to the Sanitary Committee that houses appeared in such a state as to be unfit for human habitation.

Six houses were voluntarily closed by the owners on representations being made to them as to their unfitness for human habitation. They have been made habitable and re-occupied.

Defects in 77 houses were remedied, the nature of the defect and number remedied being tabulated in the foregoing report.



**Conclusion.**

In conclusion, I again desire to express my thanks to the Chairman and Members of the Sanitary Committee for their support and courtesy extended to me in the discharge of the various duties assigned to my office. Also permit me to acknowledge the unvarying courtesy extended to me by your Medical Officer of Health. May I again add an appreciative word in favour of your Clerk, and to thank him for his valuable help during the year.

I have the honour to be,

Your obedient servant,

JOHN MOORE, C.R.S.I.,

Sanitary Inspector.

29th January, 1914.

